

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee 1. Environics USA, Inc. 2. 1308 Continental Drive, Suite J Abingdon, MD 21009	In accordance with letter dated March 21, 2011 3. License number 19-23974-01E is amended in its entirety to read as follows: 4. Expiration date July 31, 2012 5. Docket No. 030-37898 Reference No. 030-36677
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Americium-241	A. Foil sources (NRD Model A-001, Amersham Corp. Models AMM-1001 or AMM-1001D)	A. Not Applicable (See Condition 11)
B. Hydrogen-3	B. Foil Sources (Ritverc Model BH 3.21)	B. Not Applicable (See Condition 11)

## 9. Authorized use:

- A. and B. Pursuant to Section 32.26, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute smoke detector devices specified in Condition 10 and gas analyzer devices specified in Condition 11 to persons exempt from the requirements for a license pursuant to Section 30.20, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

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SUPPLEMENTARY SHEET**License Number  
19-23974-01EDocket or Reference Number  
030-37898

Amendment No. 01

CONDITIONS

10. The following smoke detector devices may be distributed pursuant to this license provided the amount of americium-241 contained in the device does not exceed the amount specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
ChemPro 100 (V2)	160 microcuries (5.92 MBq)
ChemPro 100 (V3)	160 microcuries (5.92 MBq)
ChemPro FX	160 microcuries (5.92 MBq)
M90 Chemical Agent Detector 1	160 microcuries (5.92 MBq)
MGD-1 Multi Gas Detector	160 microcuries (5.92 MBq)

11. The following gas and aerosol detector devices may be distributed pursuant to this license provided the amount of hydrogen-3 contained in the devices does not exceed the amounts specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
ENVI-Air	8.1 millicuries (300 MBq)
ENVI-Pro	8.1 millicuries (300 MBq)
ENVI-Stack	8.1 millicuries (300 MBq)

12. This license does not authorize possession or use of licensed material.
13. The licensee may distribute only from its facilities located at 1308 Continental Drive, Suite J, Abingdon, Maryland.
14. The licensee shall file periodic reports as specified in Section 32.29(c), 10 CFR Part 32.

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15. Except as specifically provided otherwise by this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated March 7, 2000;
- B. Registration Certificate NR-1160-D-101-E;
- C. Letter dated February 26, 2003;
- D. Letters dated January 29, 2004;
- E. Letter dated August 10, 2004;
- F. Letter dated September 8, 2004;
- G. Letter dated September 30, 2004;
- H. Registration Certificate NR-1160-D-102-E;
- I. Letter received December 14, 2006;
- J. Letters dated January 29 and 30, 2007;
- K. Letter dated March 21, 2011;
- L. Letter dated July 28, 2011; and
- M. Registration Certificate NR-1160-D-103-E;

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date September 16, 2011Signed by: /RA/

Richard K. Struckmeyer  
Licensing Branch  
Division of Materials Safety and  
State Agreements  
Office of Federal and State Materials and  
Environmental Management Programs  
Washington, DC 20555